

Figure 1 (PRIOR ART)

200 ↗

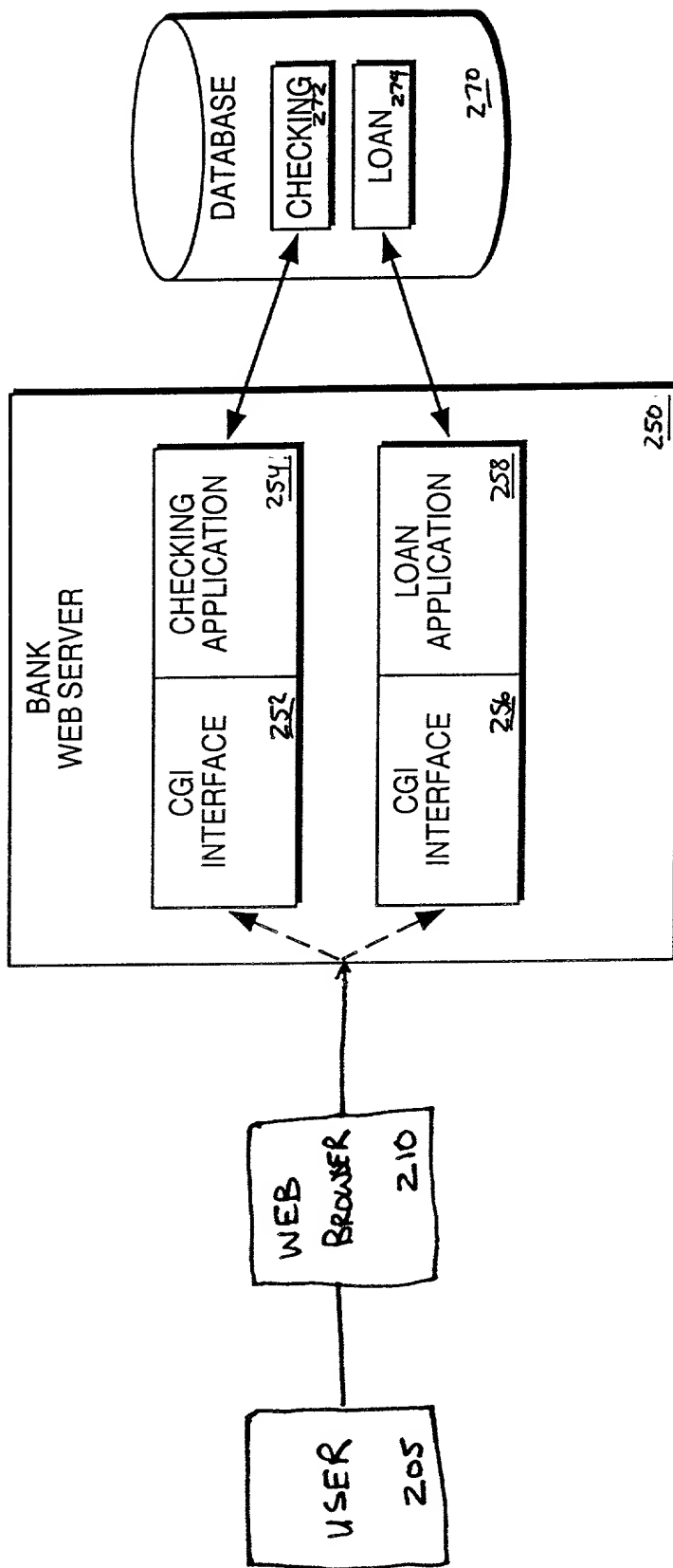


Figure 2 (PRIOR ART)

500

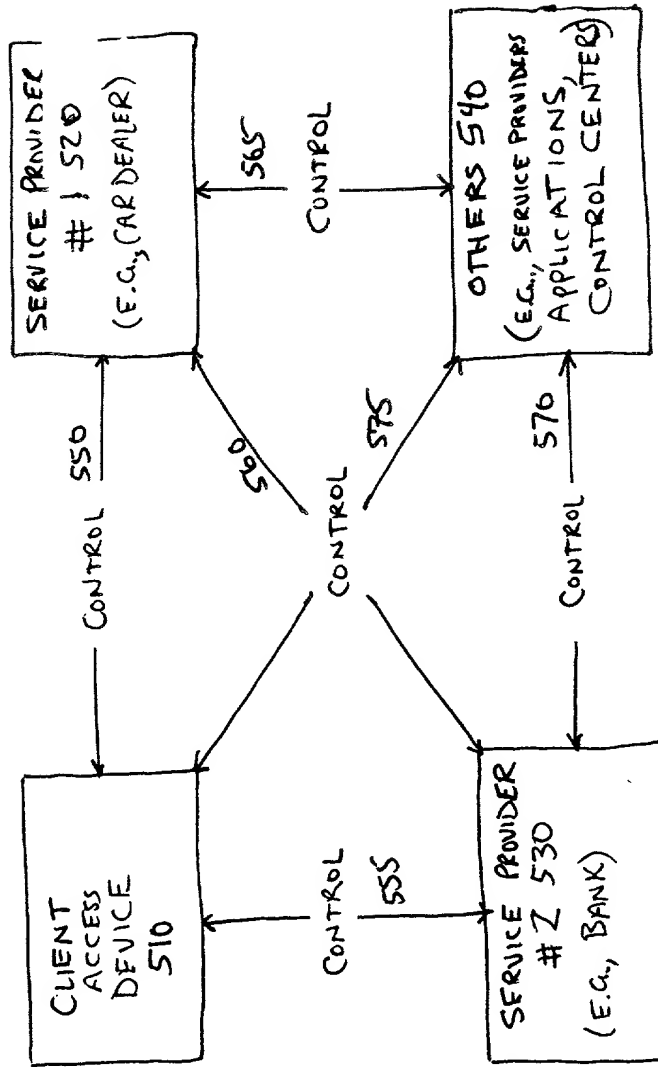


Figure 5

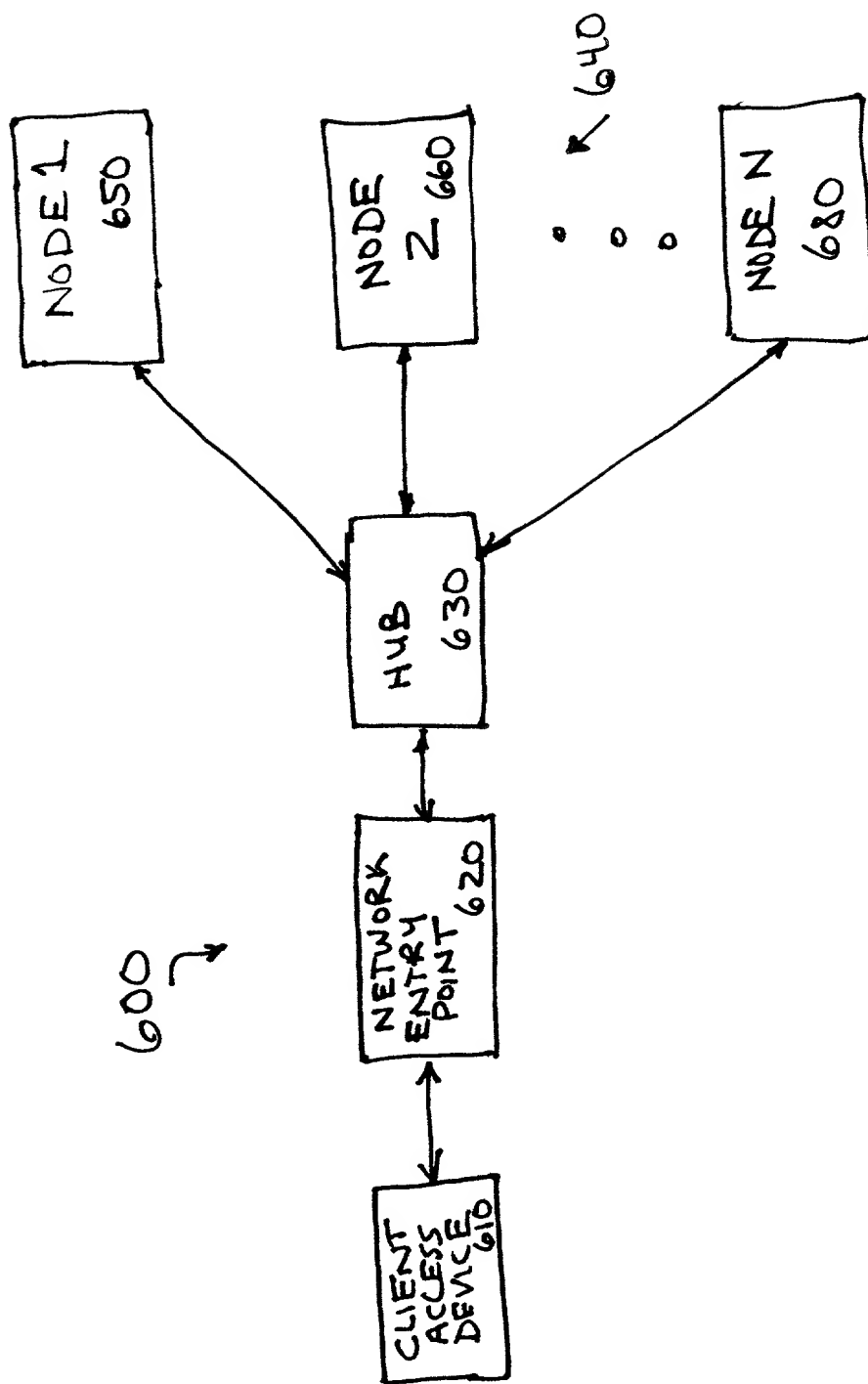


Figure 6

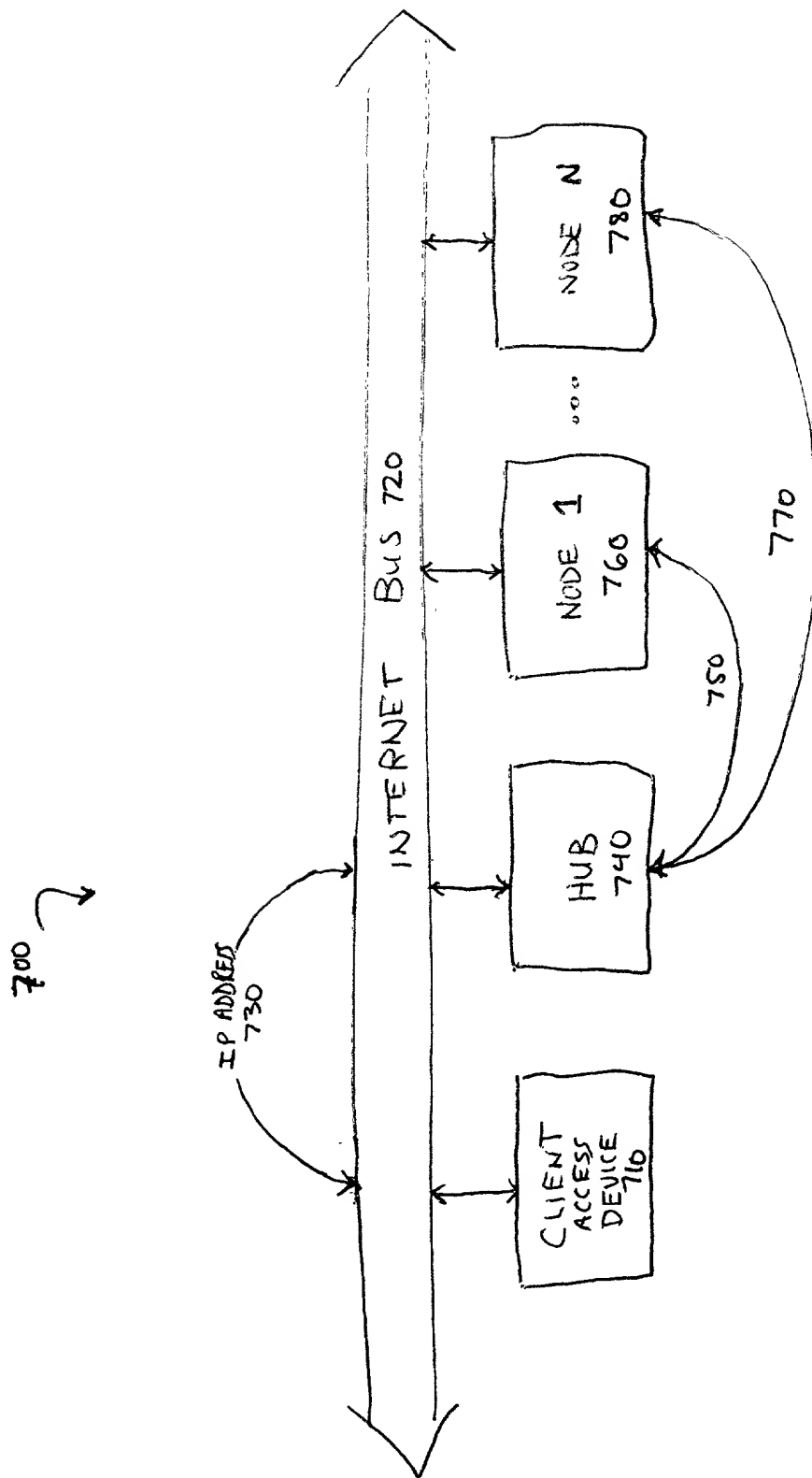


Figure 7

FIG. 8 is a block diagram of a system 800.

800 →

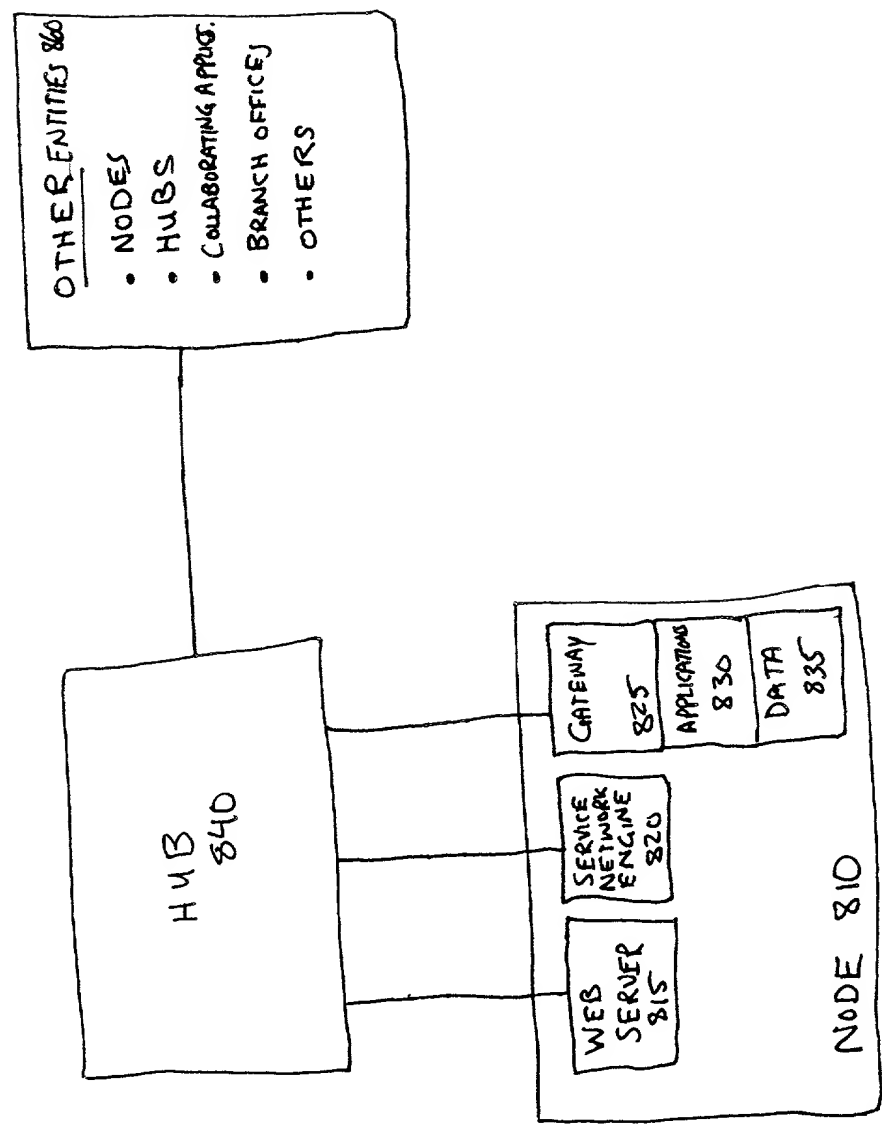


Figure 8

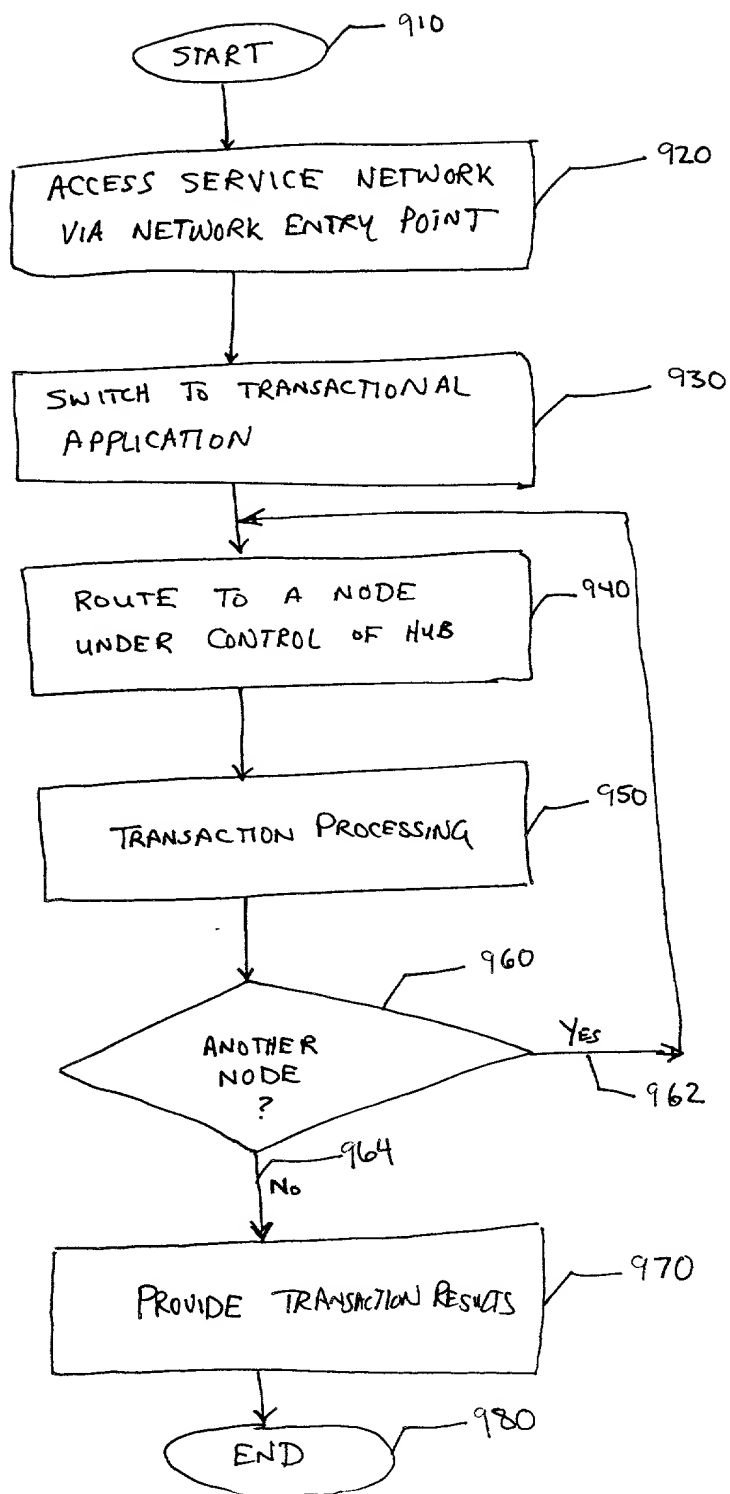


FIGURE 9

1000

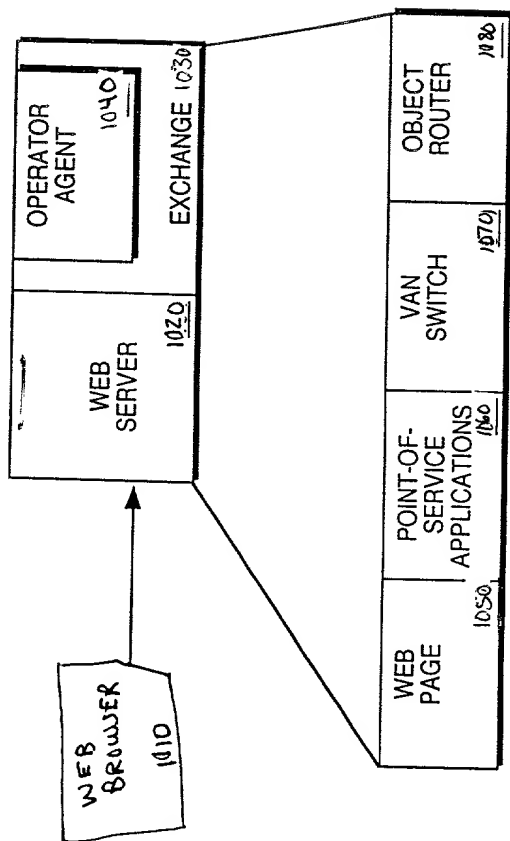


Figure 10

1100

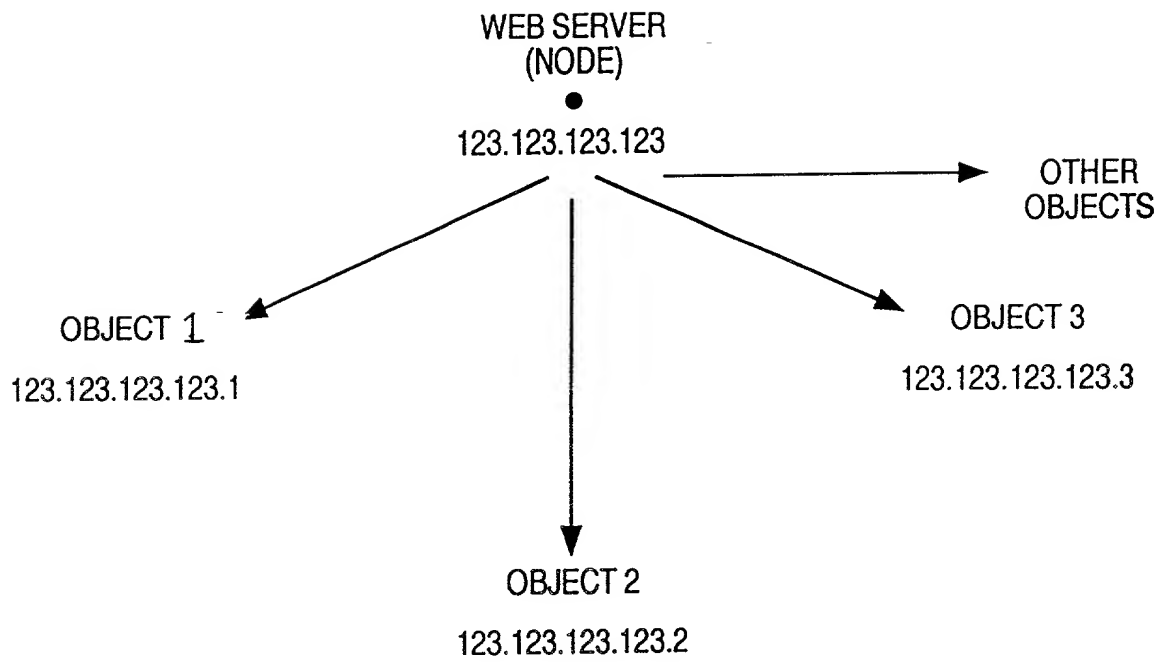
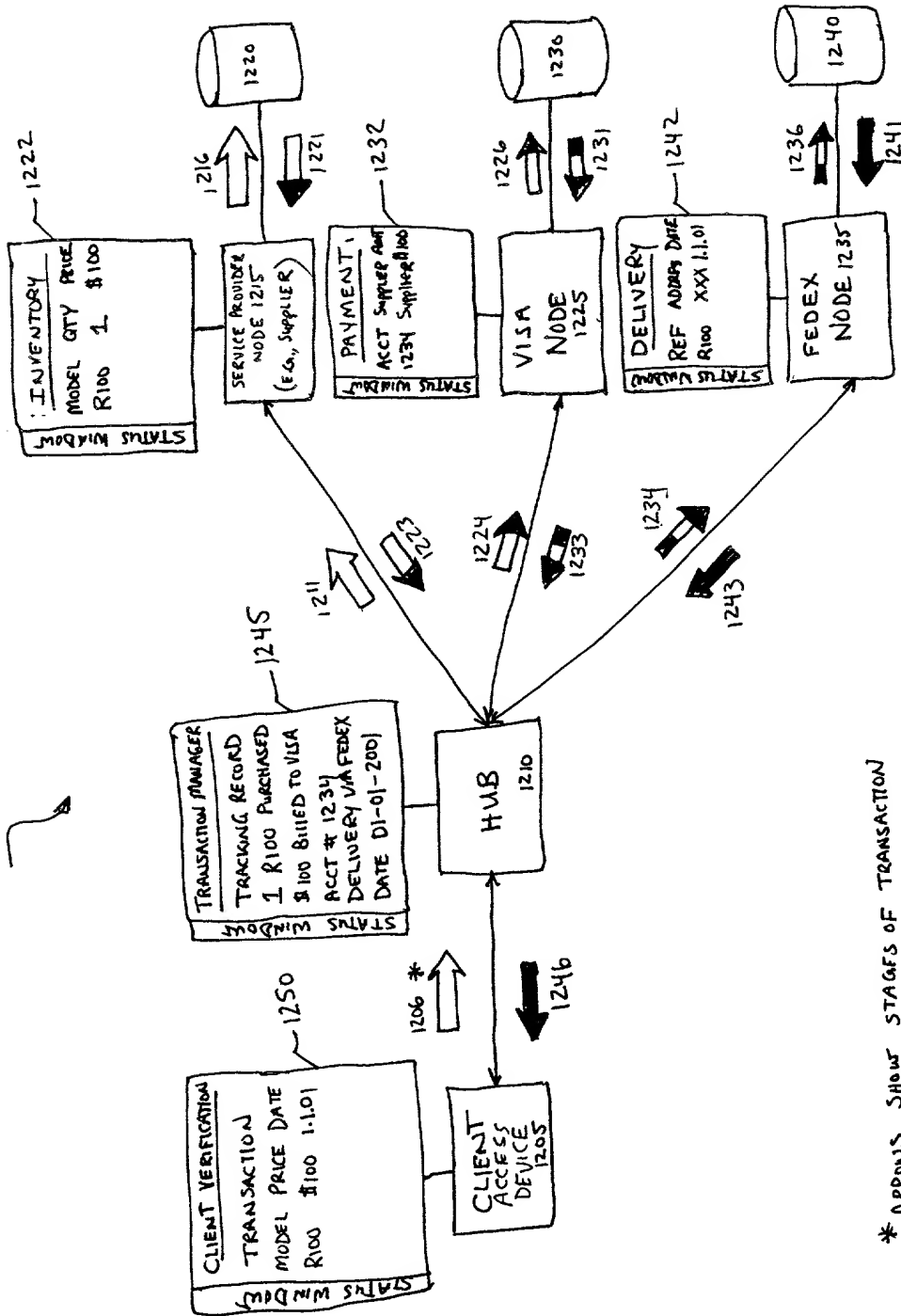


FIG. 11

1200



* ARROWS SHOW STAGES OF TRANSACTION VERIFICATION

FIGURE 12

OSI MODEL
1300

APPLICATION	<u>1307</u>
PRESENTATION	<u>1306</u>
SESSION	<u>1305</u>
TRANSPORT	<u>1304</u>
NETWORK	<u>1303</u>
DATA LINK	<u>1302</u>
PHYSICAL	<u>1301</u>

FIG. 13

FIG. 14

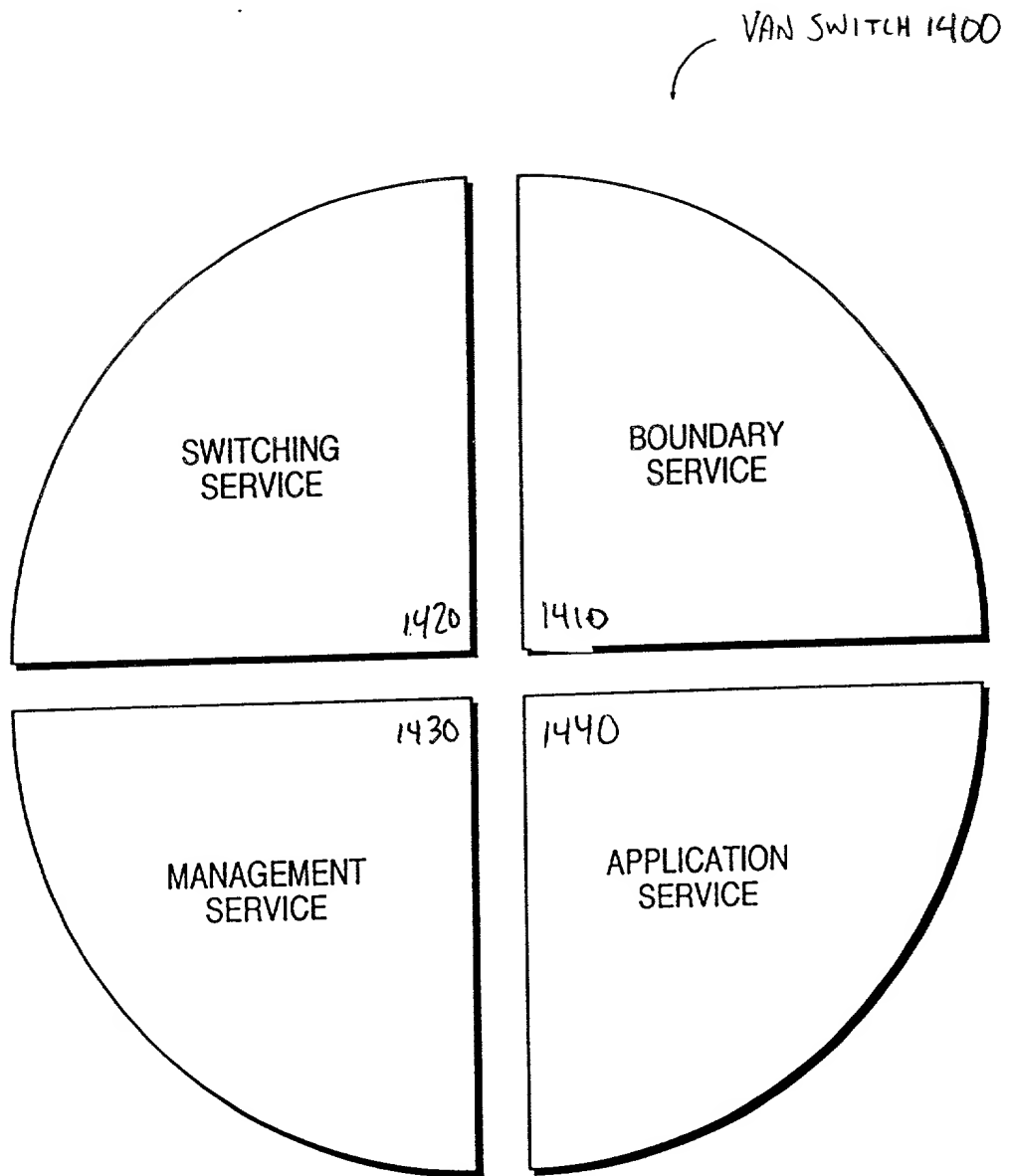


FIG. 14

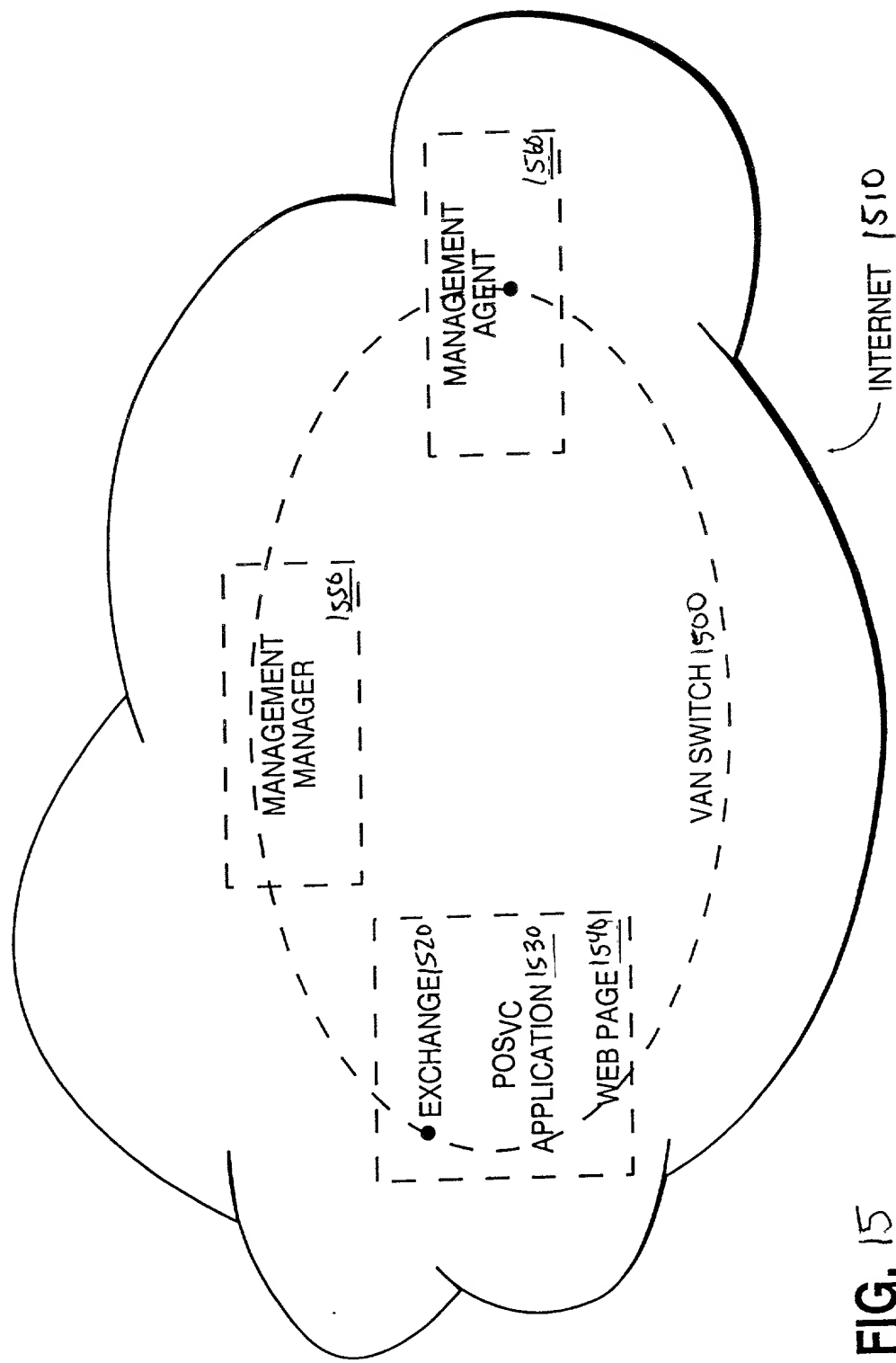


FIG. 15

1600 ↘

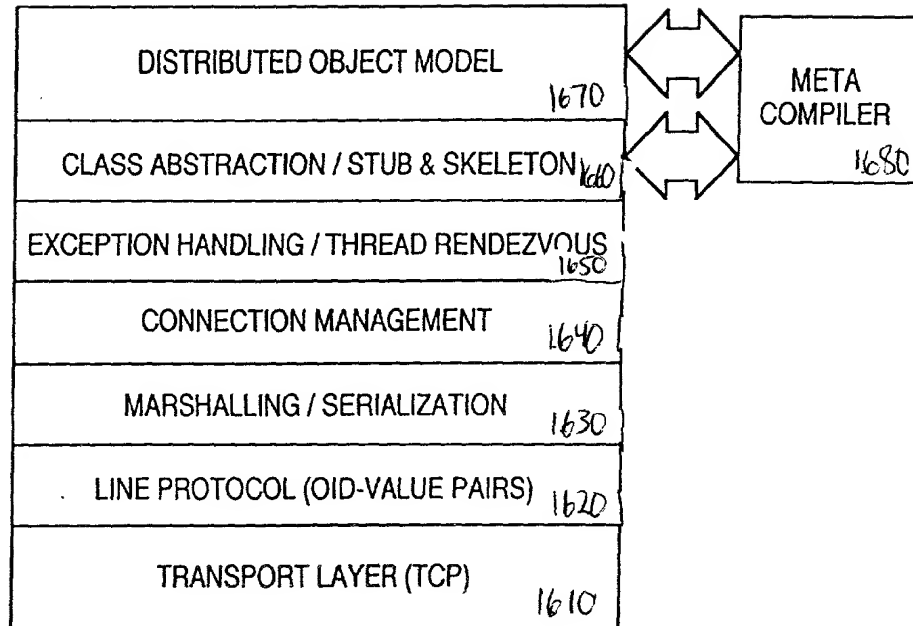


FIG. 16

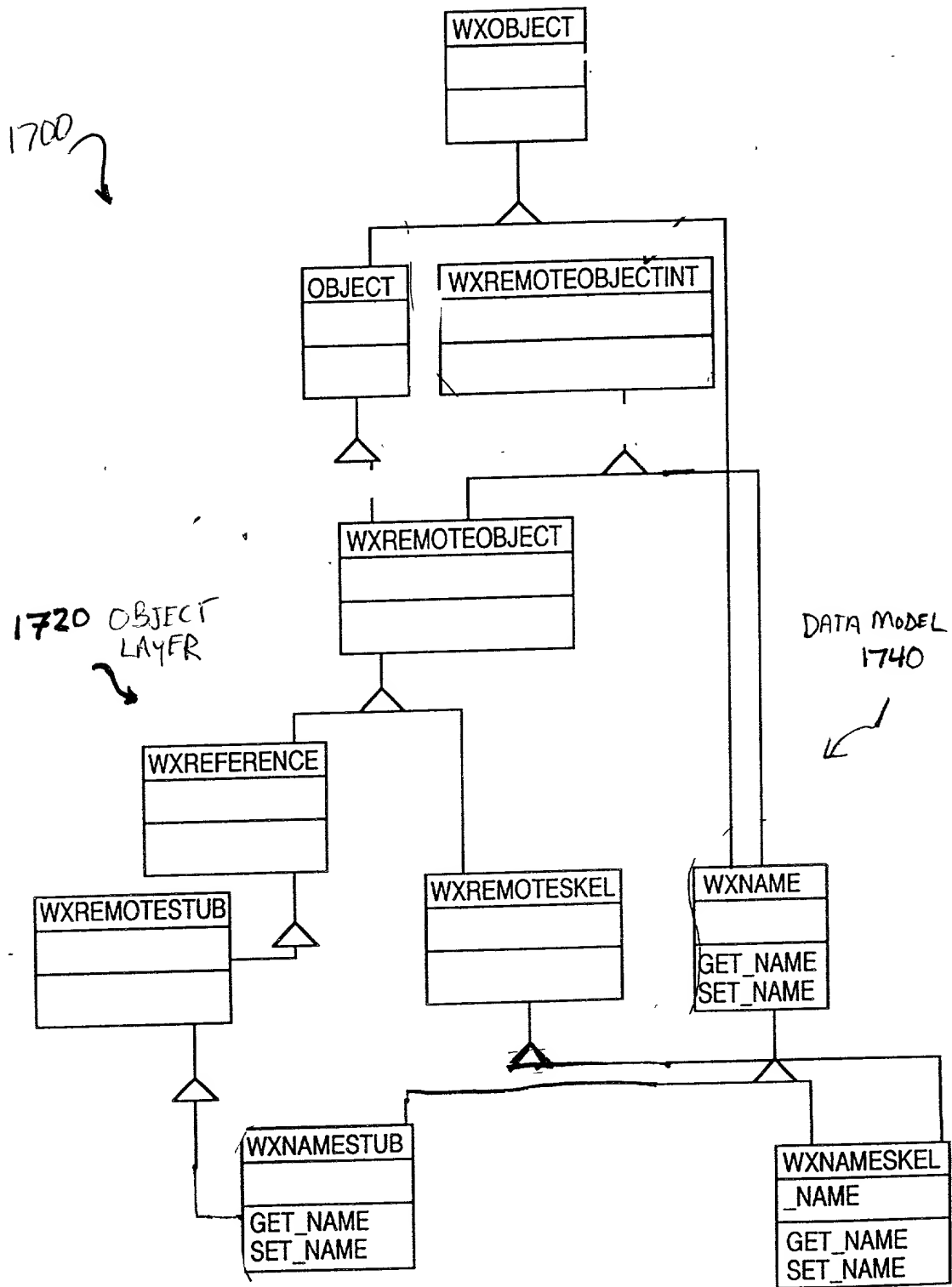


FIG. 17

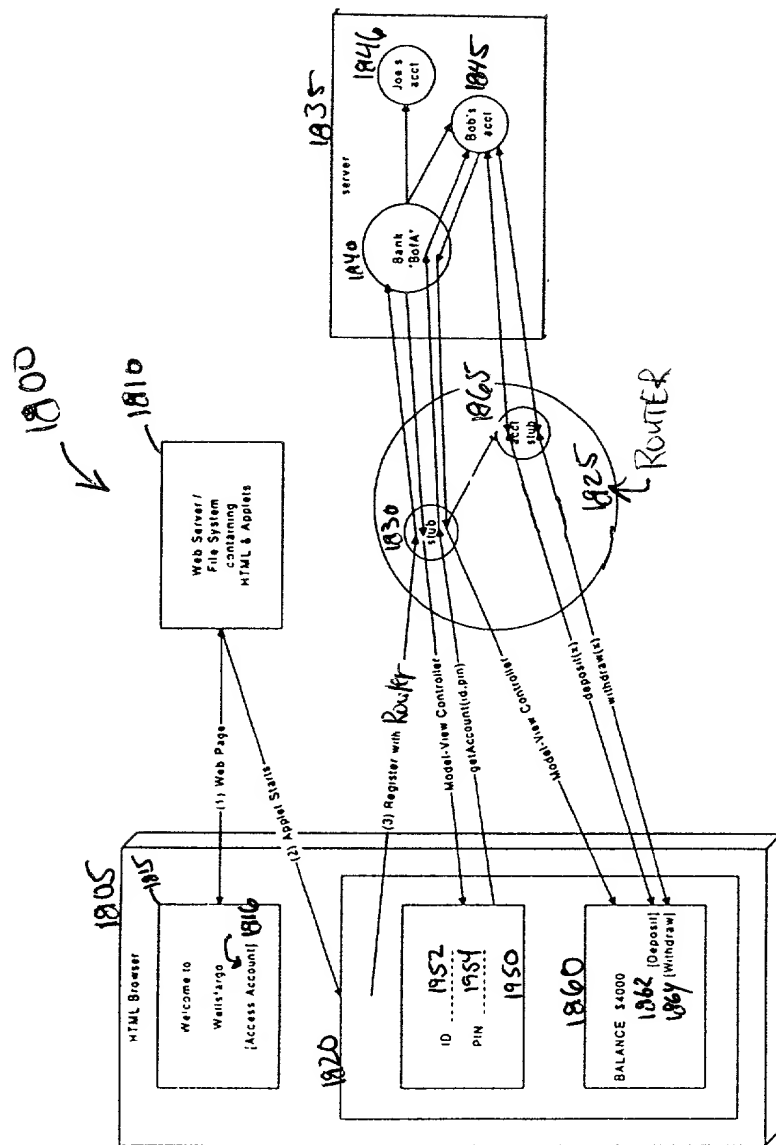


Figure 18

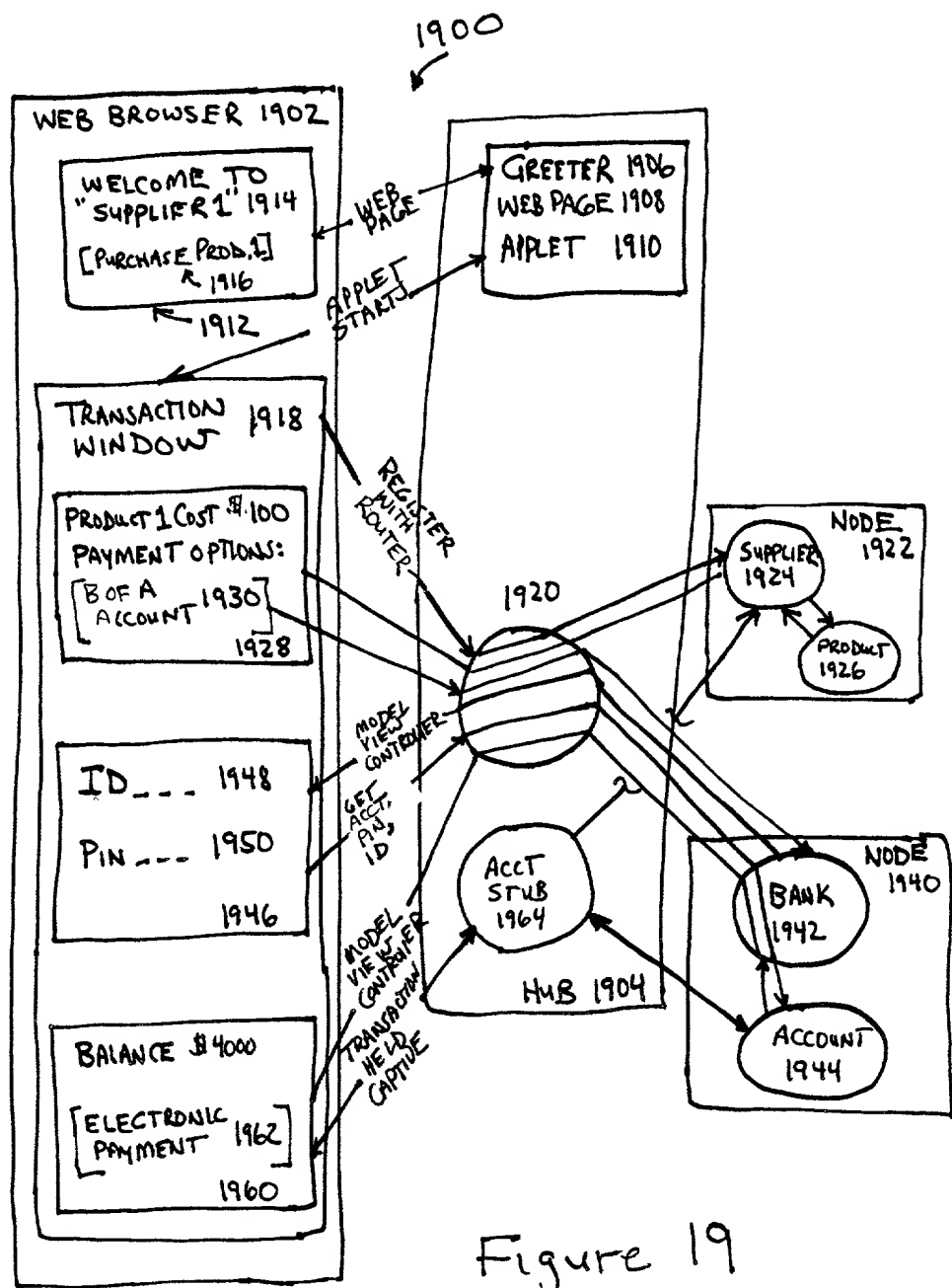


Figure 19

2000

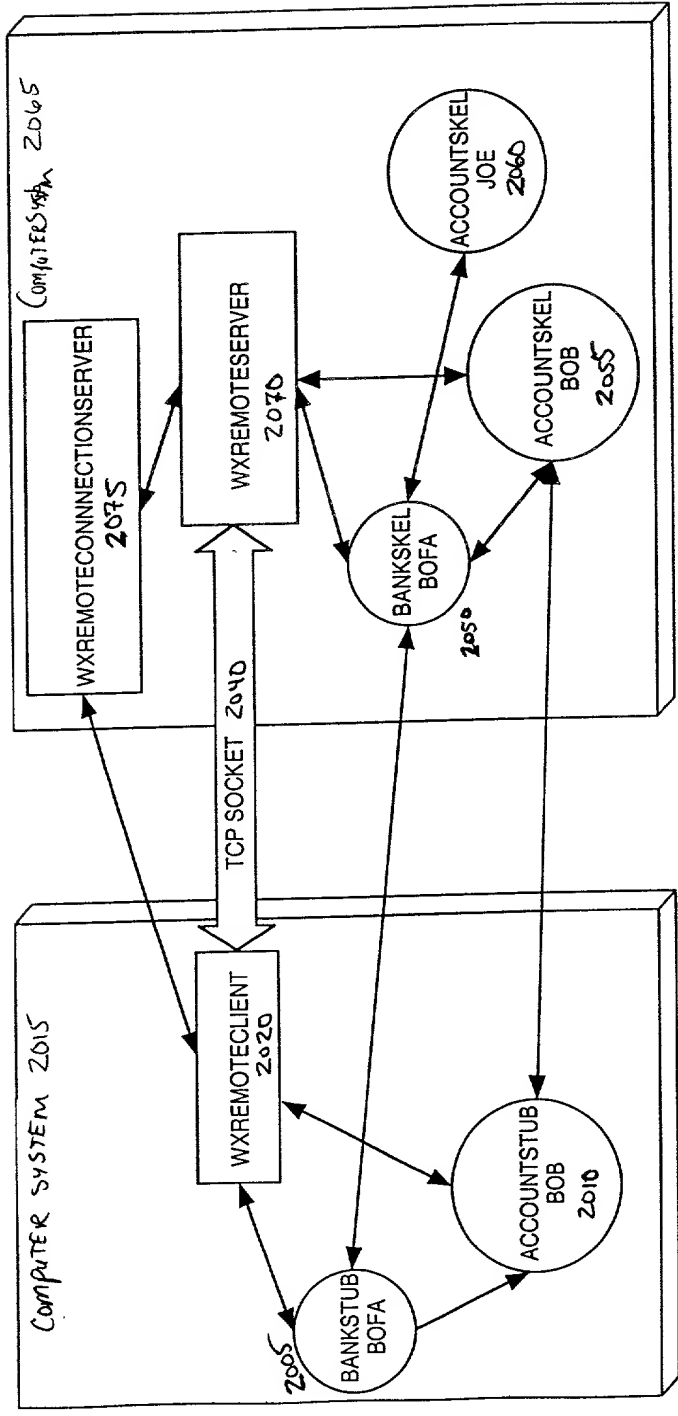
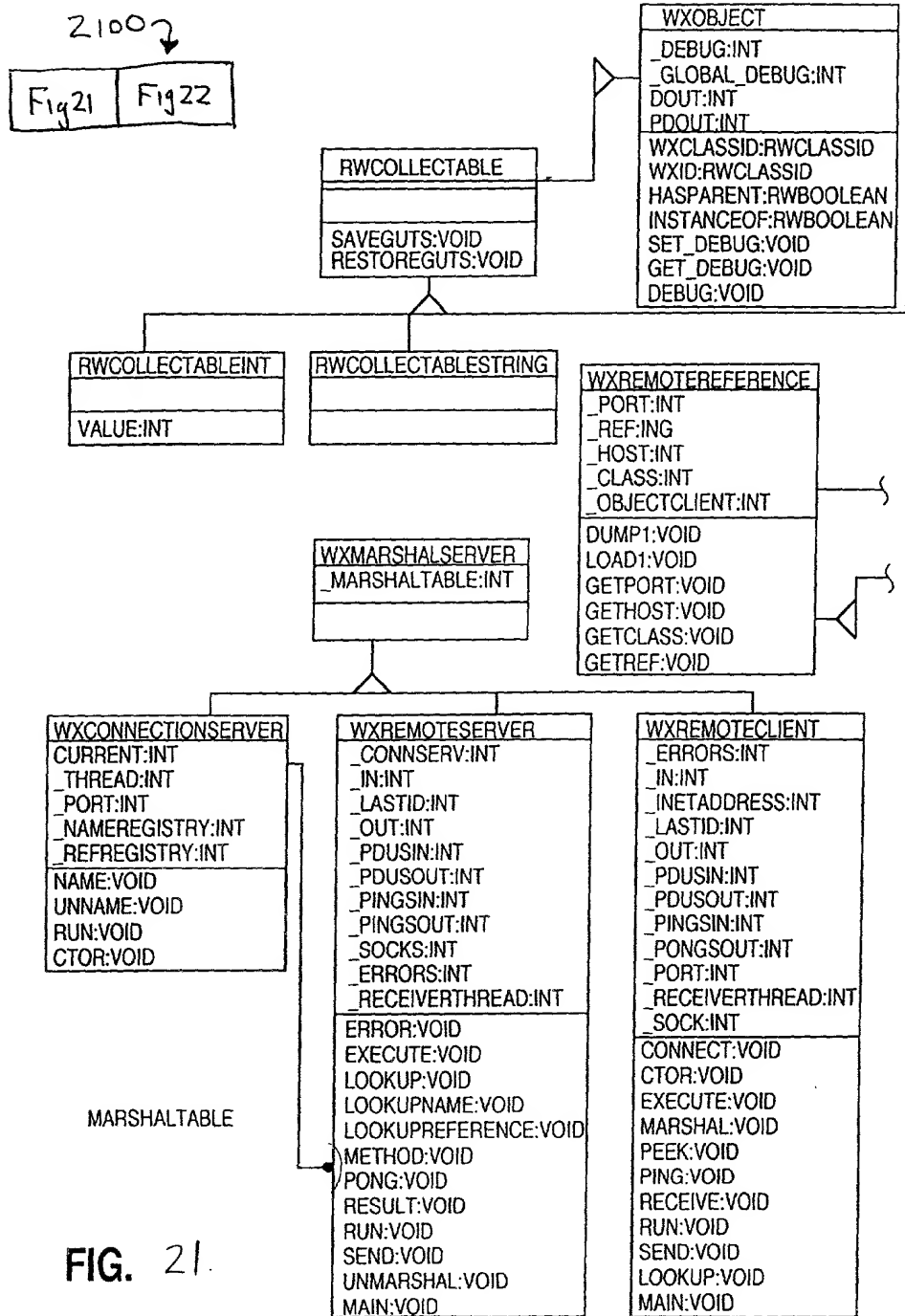


FIG. 20



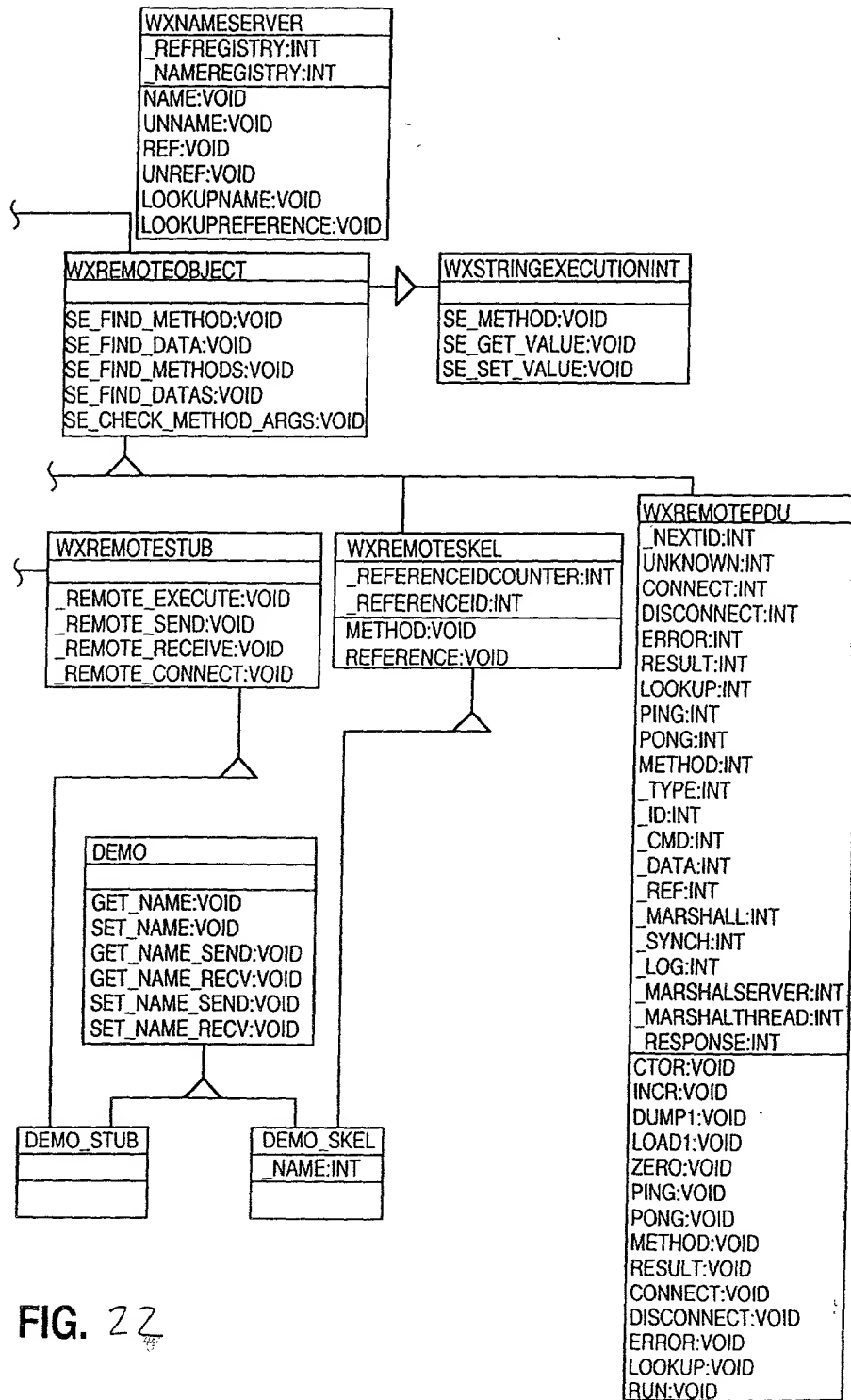


FIG. 22

2400

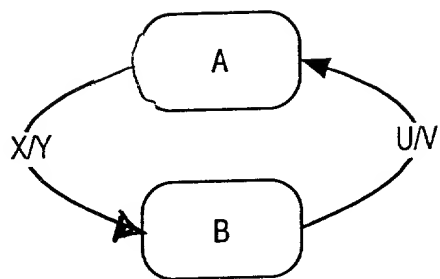


FIG. 24

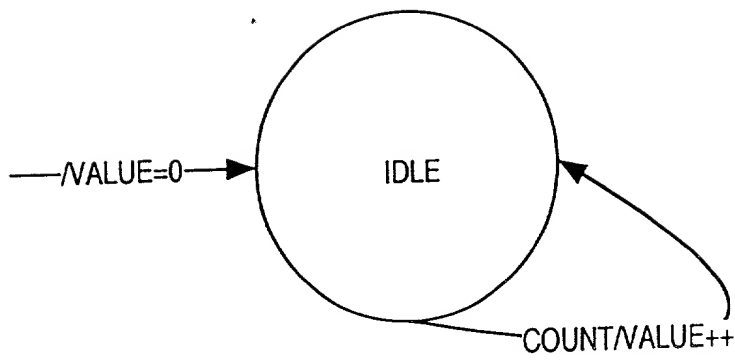


FIG. 25

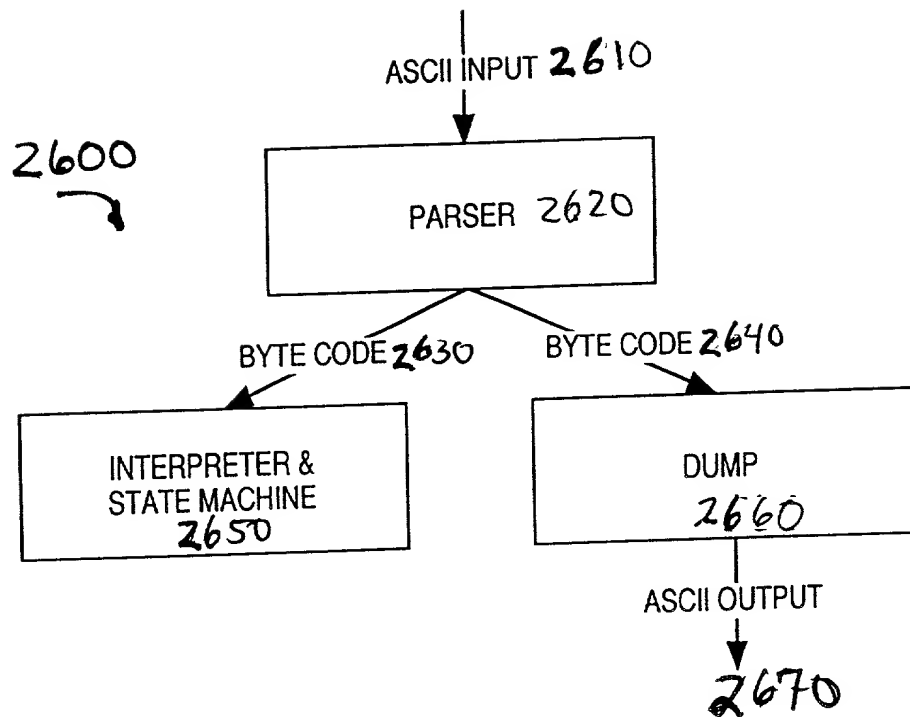


FIG. 26

BEGINCLASS COREBUSINESSOBJECT

BEGINDATA

ENDDATA

BEGINMETHOD

INCLUDE HSKEL

PRIVATE:

USED BY THE FINITE STATE MACHINE

VIRTUAL VOID FSM_INIT() {}

VOID FSM_ACTION_TIMEOUT(CONST CHAR* TIMEVAL);

VOID FSM_ACTION_THROW(CONST CHAR* MESSAGE);

VOID FSM_ACTION_RETURN(CONST CHAR* RESULT);

VOID FSM_ACTION_SEND(CONST CHAR* VALUE);

PUBLIC:

ENDINCLUDE

TO CONFIGURE THE FSM

METHOD VOID FSM_LOAD_DOLSIB {STRING FILENAME}

TO TRIGGER AN EVENT IN THE FSM

METHOD VOID FSM_EVENT {STRING NAME} {STRING VALUE}

METHOD STRING FSM_RESULT

TO SET/GET VARIABLES FROM FSM

METHOD VOID FSM_SET_STRING {STRING NAME} {STRING VALUE}

METHOD CONST STRING FSM_GET_STRING {STRING NAME}

METHOD VOID FSM_SET_INTEGER {STRING NAME} {INT VALUE}

METHOD CONST INT FSM_GET_INTEGER {STRING NAME}

ENDMETHOD

ENDCLASS

FIG. 27

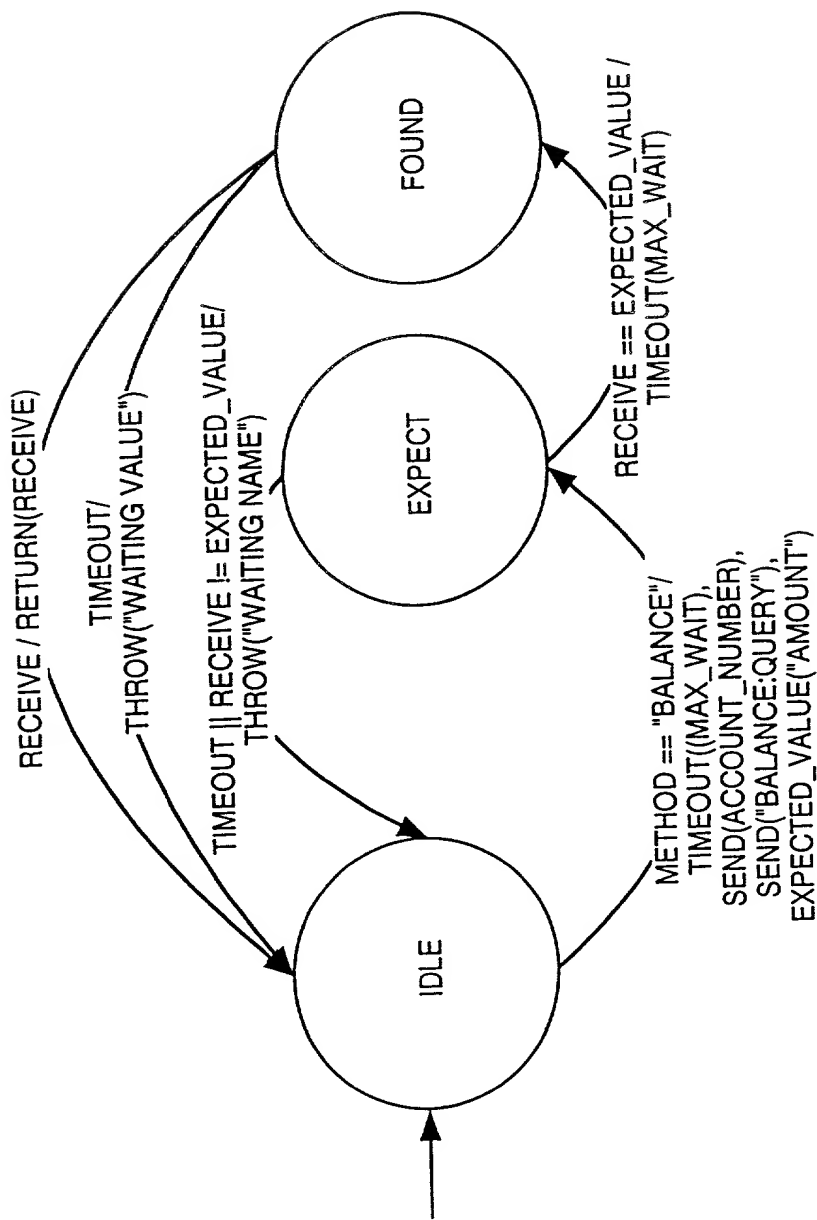


FIG. 28

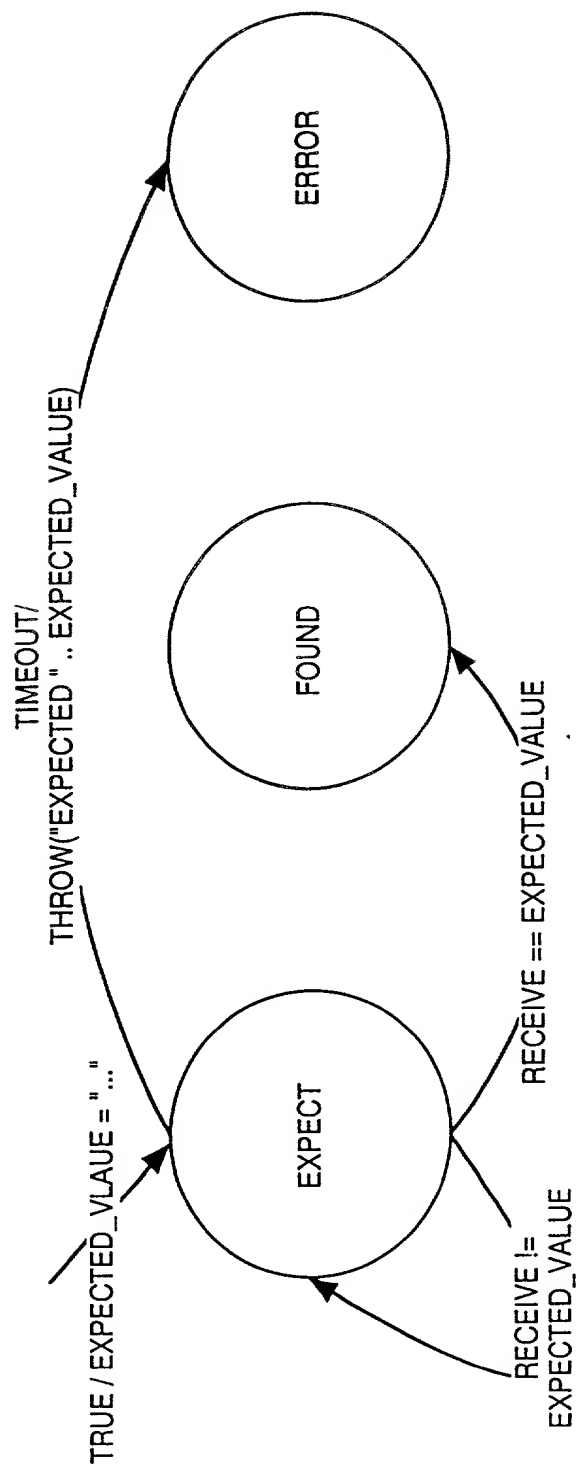


FIG. 29

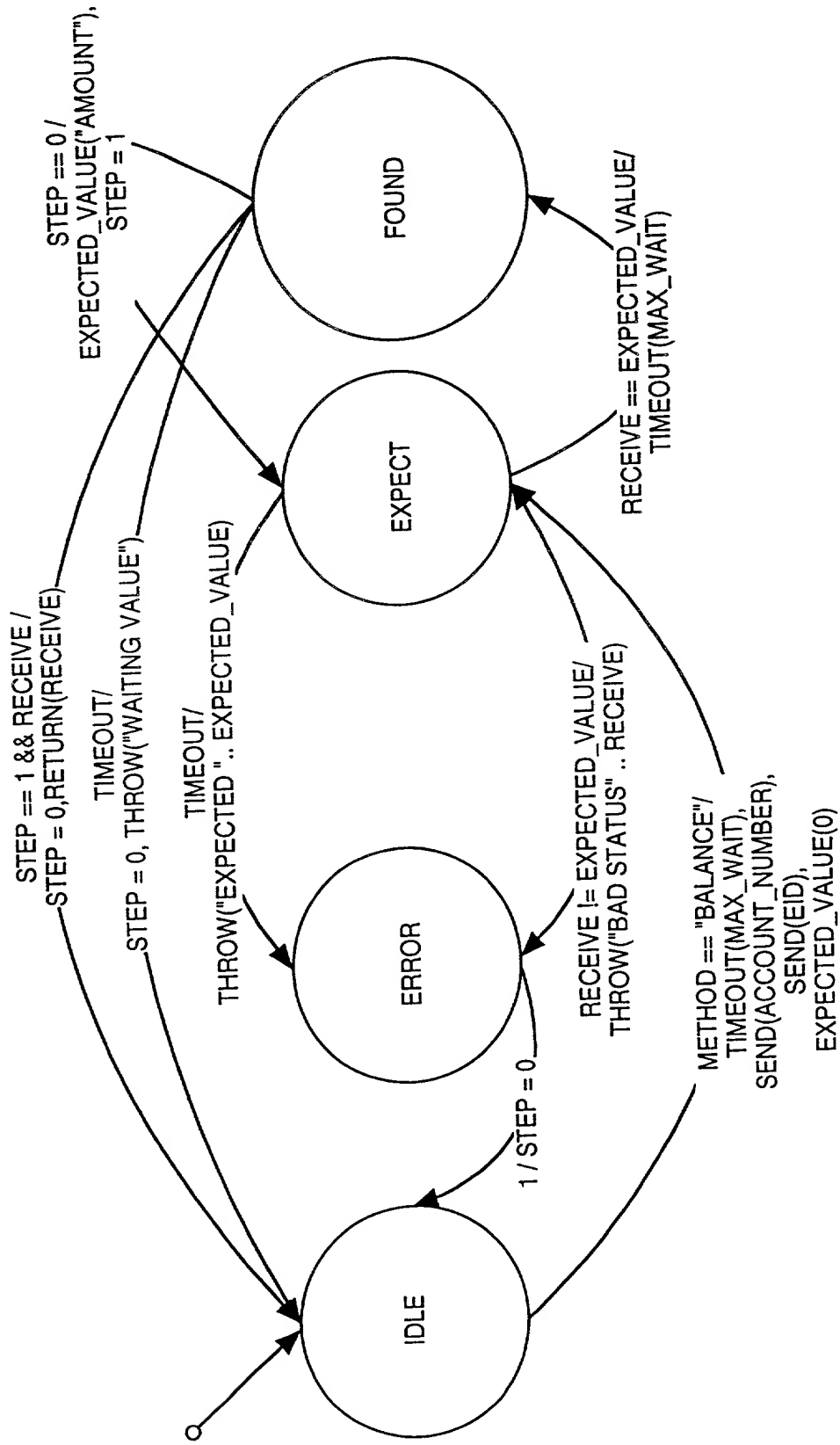


FIG. 30

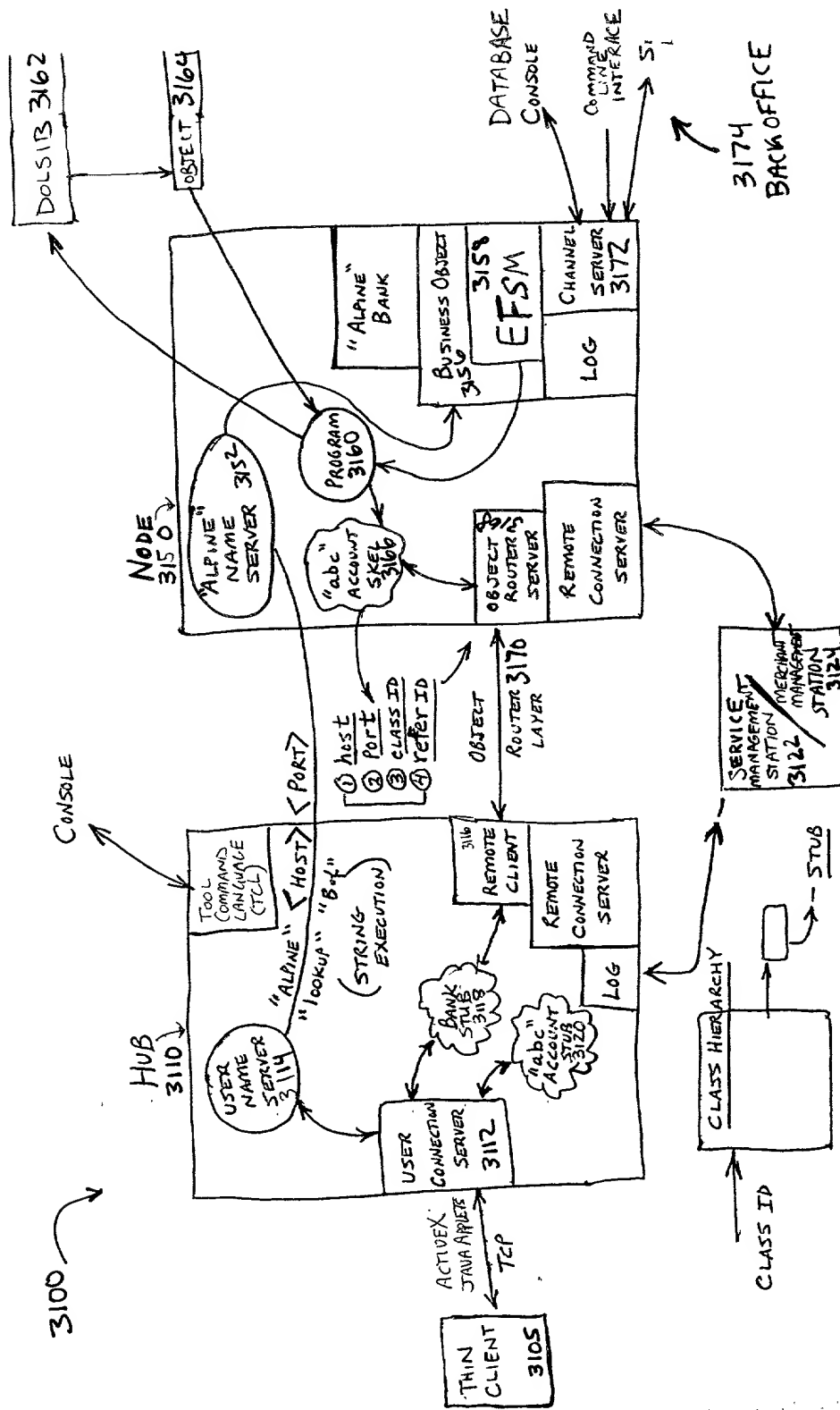
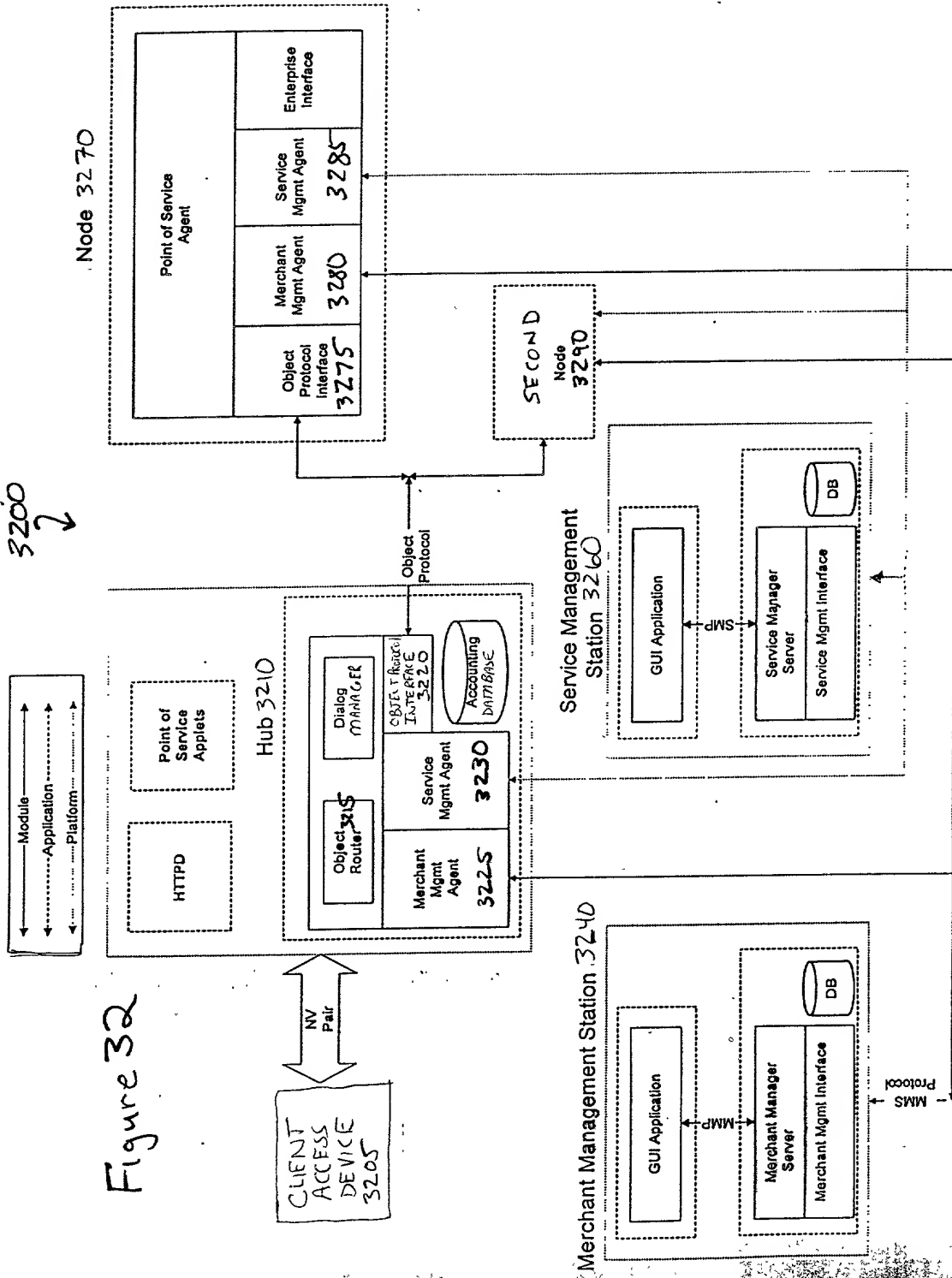


FIGURE 31

Figure 32



3200

Node 3270

SECOND Node 3290

Service Management Station 3260

Merchant Management Station 3240

CLIENT ACCESS DEVICE 3205

Hub 3210

Point of Service Applets

Point of Service Agent

Object Router 3225

Service Mgmt Agent 3230

Dialog MANAGER

OBJECT ROUTER INTERFACE 3220

Accounting DATABASE

Object Protocol Interface 3275

Merchant Mgmt Agent 3280

Service Mgmt Agent 3285

Enterprise Interface

GUI Application

Merchant Manager Server

Merchant Mgmt Interface

DB

GUI Application

Service Manager Server

Service Mgmt Interface

DB

MMS Protocol

Object Protocol

SMP

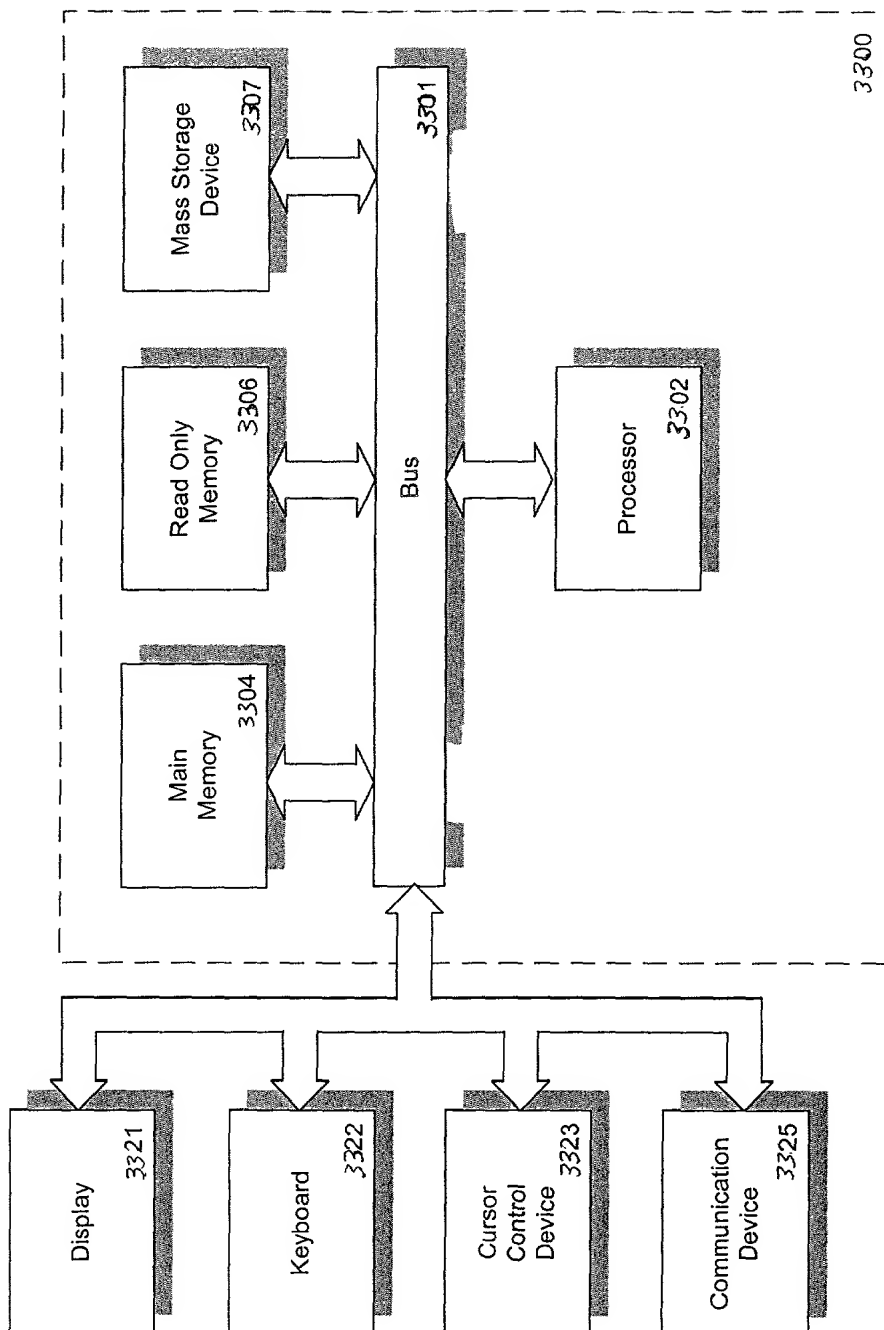


Figure 33